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## PATENT COOPERATION TREATY

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

Applicant's or agent's file reference GT/3-22334	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP03/08427	International filing date (day/month/year) 30/07/2003	Priority date (day/month/year) 05/08/2002
International Patent Classification (IPC) or national classification and IPC C12P7/40		
Applicant CIBA SPECIALTY CHEMICALS WATER TREATMENTS.. et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 2 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).


These annexes consists of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:
- I ☒ Basis of the report
  - II ☐ Priority
  - III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - IV ☐ Lack of unity of invention
  - V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - VI ☐ Certain documents cited
  - VII ☐ Certain defects in the international application
  - VIII ☐ Certain observations on the international application

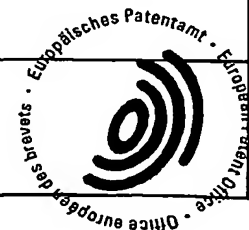
EPO - DG 1

04.06.2004

(104)

Date of submission of the demand 23/02/2004	Date of completion of this report 14/04/2004
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**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

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International application No. **PCT/EP03/08427**

**I. Basis of the report**

The basis of this international preliminary examination is the application as originally filed.

**V. Reasoned statement under Rule 66.2(a)(II) with regard to novelty, inventive step or industrial applicability**

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

## INTERNATIONAL SEARCH REPORT

National Application No.

EP 03/08427

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12P7/40 C12P13/04 C12P7/16 C12P7/18 C12P7/20  
C12P7/24 C12P7/28 C12P7/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 059891 A (HYMO CORP), 4 March 1997 (1997-03-04) abstract	1-19
X	PATENT ABSTRACTS OF JAPAN vol. 002, no. 060 (M-018), 28 April 1978 (1978-04-28) & JP 53 023145 A (KURITA WATER IND LTD), 3 March 1978 (1978-03-03) abstract	1-19
X	WO 02 16495 A (BERGGREN NILS ;CIBA SPEC CHEM WATER TREAT LTD (GB); NORMAN PETER I) 28 February 2002 (2002-02-28) the whole document	1-19
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

29 September 2003

Date of mailing of the international search report

14/10/2003

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## INTERNATIONAL SEARCH REPORT

International Application No  
EP 03/08427

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 12778 A (WEIR STEVEN ;HUGHES JONATHAN (GB); MORAN PAUL (GB); CIBA SPEC CHEM) 22 February 2001 (2001-02-22) the whole document ----	1-19
Y	US 6 031 037 A (GHAFOOR MARK SIRFARAZ ET AL) 29 February 2000 (2000-02-29) the whole document ----	1-19
Y	US 5 552 316 A (SAVAGE CHRISTOPHER M) 3 September 1996 (1996-09-03) the whole document ----	1-19
Y	US 5 846 433 A (FIELD JOHN RODNEY ET AL) 8 December 1998 (1998-12-08) the whole document -----	1-19

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

ST/EP 03/08427

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